



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090908

Mode: Highway

Status: Submitted

SR-1115 (Avent Ferry Road)

From/Cross Street: NC 55 Bypass

Specific Improvement Type: 1 - Widen Existing Roadway

To: Cass-Holt Road

Project Category: Division Needs

Length: 1.03

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,546,000

Description:

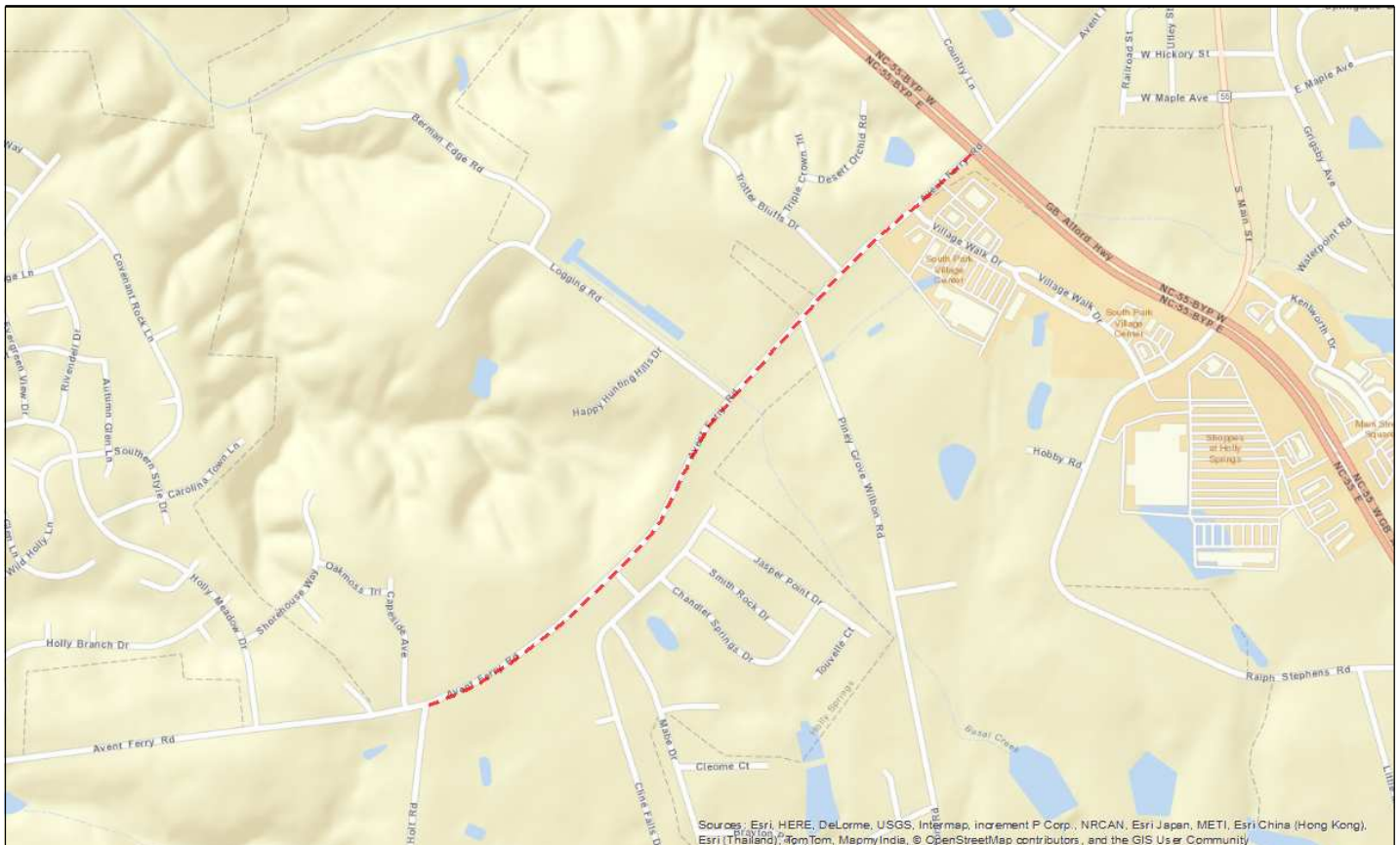
Widen to Multi-Lanes (includes intersection Improvements at NC 55 Bypass, Piney Wilbon Road, and Cass Holt Road)

Division(s): Division 5

County(s): WAKE

MPOS(s)/RPO(s): Capital Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 73.25

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 83.95 Safety (10%) 51.26 [Travel Time] Benefit/Cost (20%) 6.66 Totals: Weight: 50% Weighted Score: 23.25	Percent: 25% Points: 100	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.03
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	20000.99
Capacity:	15800.26
Volume/Capacity Ratio:	1.27
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.81
Crash Severity:	23.32
Critical Crash Rate:	30.66
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	34
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	97
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.03
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2285075.01
Travel Time Savings for 30 Years (Autos):	2285075.01
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 5

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 5	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Capital Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$6,270,000	TIP Unit
Right-of-Way Cost:	\$1,139,000	Cost Estimation Tool
Utilities Cost:	\$137,000	Cost Estimation Tool
Total Project Cost:	\$7,546,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,546,000	